

STEVANOVIC, P. (Belgrade); KULMAN, J. (Tubingen)

Namurian floor near Druzetic, and its goniatite fauna. Glas
Prir muz A 16/17: 45-112 '62.

KUL'MAN, N.K.; STRATONOVICH, R.L.

Phase automatic frequency control and optimum measurement of the
parameters of a narrow-band signal with sweep frequency in noise.
Radiotekh. i elektron. 9 no.1:67-77 Ja '64. (MIRA 17:3)

I. 44406..56 EWT(d)/FSS-2/EWT(1)
ACC NR: AP6021940 (A) SOURCE CODE: UR/0188/66/000/002/0021/0034

AUTHOR: Kul' man, N. K.

56

ORG: Department of General Physics for the Mechanics and Mathematics Faculty
(Kafedra obshchey fiziki dlya mekhmata)

TITLE: Noiseproof feature of pulse systems of the Markow random-noise signal

SOURCE: Moscow. Universitet. Vestnik. Seriya III. Fizika, astronomiya, no. 2,
1966, 21-34

TOPIC TAGS: pulse system, pulse position modulation, pulse amplitude, Markow process, random noise signal

ABSTRACT: Optimum arrangements, for measuring one of the signal parameters in the presence of added white noise have been devised with the aid of optimum non-linear filtration in the Gaussian approximation. The signal presents the sequence of video or radio pulses carrying communication, in other words, the Markov process.

B

Card 1/2

UDC: 621.391.172

U. 44808-52

ACC NR: AP6021940

The conclusion is drawn that pulse-position modulation is better than the other types of pulse modulations (amplitude pulse modulation and width pulse modulation) by comparing the expressions obtained for mean square errors arising from communication reproduction. The best pulse-signal parameters are recommended. Orig. art. has: 3 figures and 48 formulas. [Based on author's abstract] [NTI]

SUB CODE: 17 / SUBM DATE: 27Jul64 / ORIG REF: 006 /

Card 2/2 cont

KUL'MAN, R.A.

New method of experimental study of the desorption of surface-active substances from liquid boundaries of the interface. Dokl. AN SSSR 162 no. 5:1095-1096 Je '65. (MIRA 18:7)

1. Moskovskiy gosudarstvennyy universitet im. M.V.Lomonosova.
Submitted January 30, 1965.

Card 1/5

lengths were located and finally found to equal, respectively, 112.4, 177, and 140.7 cm. The variation of the resonance frequency of the sections along the resonator was determined with mode and bell-shaped curves.

The field was varied by the millions in the first part of resonator I for a length of 2-3 m. In order to avoid a large field discontinuity, this first part

"APPROVED FOR RELEASE: 06/19/2000

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ACCESSION NR: AT5007935

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000927510012-4"

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move simultaneously and automatically and can move in

was installed. The plates are controlled remotely. In order to verify the correctness of the selection of the main data for the resonators, models of resonators I and III on the approximate scale of 1:4 were built.

Card 4/5

ASSOCIATION. Radiotekhnicheskiy institut AN SSSR (Radio Engineering Institute, AN
SSSR)

SUBMITTED: 26 May 64

NO REF SOV: 002

ENCL: 00

SUB CODE: NP

OTHER: 000

VANICHEVA, G.V.; BABICHEVA, M.I.; KULMANEN, E.V.; SHIVRIN, O.N.

Dependence of microhardness on loading. Fiz. met. i metalloved. 17 no.2:
234-236 F '64. (MIRA 17:2)

1. Petrozavodskiy gosudarstvenny universitet.

ACC NR: AR7004862 SOURCE CODE: UR/0137/66/000/010/I013/I013

AUTHOR: Germanov, Ye. P.; Kulmanen, E. V.

TITLE: Structural changes in a nichrome-base alloy during heating

SOURCE: Ref. zh. Metallurgiya, Abs. 10I88

REF SOURCE: Sb. nauchn. rabot aspirantov i molodykh spetsialistov. Petrozavod-skiy un-t. Gumanitarn. i fiz. n., vyp. 1, 1965(1966), 95-109

TOPIC TAGS: nichrome alloy, ordered alloy, crystal lattice structure, structural change

ABSTRACT: The effect of annealing at 300—600 C on the microstructure of nichrome-base heat-resistant KhN78T [EI435] alloy has been studied. Ordering occurs in Ni₃Cr type alloy annealed at 500 and 600 C. The high level of diffuse scattering background is caused by the dissolution of the weak super lattice lines, by short-range ordering in atoms distribution, and by crystal structure deformation. Grain structure may play a definite role. The lattice constant decreases with increasing annealing time (at 500 and 600) or temperature. The increased hardening of alloy caused by increasing the annealing time (at 600 C) or the anneal-

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UDC: 669.245'26.017.3:548.313.3

ACC NR:

AR7004862

ing temperature is correlated with the separation of atomic admixtures and with the partial lattice ordering. Authors' resume. [Translation of abstract] [AM]

SUB CODE: 11/

Card 2/2

ALESHINA, L.A.; KUJANEN, E.V.; SHIVRIK, O.R.

Optical connection between polycrystalline mosaic blocks and
blurring effects of X-ray interference. Fiz. met. i metalloved.
18 no.6:840-844 D '64. (MIRA 18:3)

1. Petrozavodskiy gosudarstvennyy universitet imeni Kuusinena.

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000927510012-4

KULMANOV, K.A., inzhener.

Selecting passing points for trains. Trudy TASHIIT no.6:41-49 '56.
(MLRA 9:11)
(Railroads--Management)

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000927510012-4"

KULMAN, K.G.

Kul'man, K. G., On measuring the transparency of water under natural conditions by an improved disc method, Tr. Mosk Tekhn. in-ta rybn. prom-sti i x-ba (Works of the Moscow Engineering Institute of the Fishing Industry and Economy), No 8, 1957, p 225-228; (RZhGeofiz 5/58-3265)

22688

6,9460

AUTHORS: Kul'man, N.K., and Landa, P.S.

S/109/61/006/004/002/025
E140/E163

TITLE: Analogue-model investigation of certain optimal filters
for random duration pulse signals

PERIODICAL: Radiotekhnika i elektronika, Vol.6, No.4, 1961,
pp. 506-513

TEXT: The article describes an analogue-model study of a non-linear filter for detecting random duration pulse signals on a background of white noise. To determine the efficiency of the non-linear filter, the results obtained were compared with the results of the Wiener-Kolmogorov linear filter. Both types of filter were modelled on the standard analogue computer МН-7 (MN-7). The following parameters of the systems were investigated: the mean number of false signals per unit time and mean relative number of undetected pulses, as functions of duration; the operation of the non-linear and linear optimal filters was investigated at various signal-noise ratios and for various signal parameters. The equations of the optimal non-linear and linear filters and the connection diagrams of the models are derived on the basis of Card 1/2

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22888

S/109/61/006/004/002/025

Analogue-model investigation E140/E163

Markov chain theory. Since the analogue computer in question appears to be a low-frequency device, relay circuits are used extensively, including two random noise generators with bandwidths up to 15 cps (Ref. 9: Yu.M. Romanovskiy, Pribory i tekhnika eksperimenta, 1958, 4, 98). The results of the analogue simulation and of theoretical calculations agree to the satisfaction of the authors. Acknowledgements are expressed to S.P. Strslkov and R.L. Stratonovich for interest in the work and valuable advice.

There are 5 figures, 2 tables and 9 references: 7 Soviet and 2 English.

ASSOCIATION: Fizicheskiy fakul'tet, Moskovskogo gosudarstvennogo universiteta im. M.V. Lomonosova
(Physics Division of Moscow State University
imeni M.V. Lomonosov)

SUBMITTED: April 22, 1960

Card 2/2

20520

S/109/61/006/009/003/018

D201/D302

6.9700

AUTHORS: Kul'man, N.K., and Stratonovich, R.L.

TITLE: Certain optimum installations for detecting a pulse signal of random duration in the presence of noise

PERIODICAL: Radiotekhnika i elektronika, v. 6, no. 9, 1961,
1442 - 1451

TEXT: It is assumed that the useful signal is a Markov process, i.e. the time during which the signal remains in each of its possible states has an exponential a priori law of distribution. When considering a stationary problem, the optimum filter may also be designed from the linear Kolmogorov-Wiener theory, but it will be worse than the non-linear system, designed according to the Markov theory, since according to the former an optimum system has to be found in the class of linear ones, while the real optimum system is non linear. The theoretical expansion of those systems is mathematically rather difficult, so that the authors restrict their analysis and comparison to an assymetrical signal and a small noise

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Certain optimum installations ...

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level. They prove that in case of filtering-out of a strongly assymetrical rectangular and random signal from the background of white noise, the optimum non-linear and linear filters are characterized by false signal detection and non-detection. Filtering of a generalized telegraphic signal is considered composed of a train of rectangular pulses which may have values +a and -a. The pulses have a given number α and β of transitions from +a state into -a(α) and from -a into +a(β). The noise is assumed to be white noise with a spectral density $N(\omega) \propto n\tau = N\delta(\tau)$. The a priori probabilities w^+ and w^- are in states +a and -a and satisfy therefore

$$\dot{w}^+ = -\alpha w^+ + \beta w^-, \quad \dot{w}^- = \alpha w^- - \beta w^+.$$

The signal represents thus a Markov process. The following equation for optimum filtering, in dimensionless parameters is then obtained:

$$\frac{dz}{dt_0} = -(\mu - \nu) - z + \frac{1}{Q} (1 - z^2) r_1(t_0) \quad (1)$$

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Certain optimum installations ...

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In it $z(t_0) = w_{ps}^+(t_0) - w_{ps}^-(t_0)$, where w_{ps}^+ - the a posteriori probability of the signal being in state +a, w_{ps}^- - a posteriori probability that the signal is in state -a ($-1 < z(t_0) < +1$); $r_1(t_0) = r(t_0)/a = s_1(t_0) + n_1(t_0)$ [$r(t_0) = s(t_0) + n(t_0)$ - signal as the input of filter]; $t_1 = t(\alpha + \beta)$ - dimensionless time; $\mu = \alpha/(\alpha + \beta)$ - probability of signal being in state +a; $\nu = \beta/(\alpha + \beta)$ - probability of signal being in state -a (signal); $Q = N(\alpha + \beta)/a^2$ - the generalized noise to signal ratio. Using the above notation, for a non-linear system of filtering, the number of false signals per unit time is derived as

$$\gamma_n = \frac{\mu - \nu + \frac{1}{Q}}{K \frac{1+\mu-\nu}{2} (Q \sqrt{\mu\nu})} e^{-\frac{Q}{2} \left[\frac{1+(\mu-\nu)}{1-(\mu-\nu)} \right] - \frac{1}{2}(1+\frac{\mu-\nu}{2}Q)}, \quad (10)$$

where k is a factor limiting the value of noise. For linear filter-
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Certain optimum installations ...
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$$\gamma_f = \frac{A}{B} \sqrt{\frac{A}{\pi Q}} \left(b_1 + \frac{B}{A} \right) \exp \left\{ - \frac{A}{B^2 Q} \left(b_1 + \frac{B}{A} \right)^2 \right\}, \quad (12)$$

and $D_f(\tau) = \frac{1}{2} + \frac{1}{2} \Phi \left[\frac{b_1}{B} \sqrt{\frac{2A}{Q}} e^{A\tau} + \sqrt{\frac{2}{AQ}} (2 - e^{A\tau}) \right] \quad (14)$

are derived for the same quantity, where $b_1 = b/a$. A and B are given by

$$A \equiv \sqrt{1 + \frac{8\mu\nu}{Q}}, \quad B = \frac{8\mu\nu}{Q} \frac{1}{1 + \sqrt{1 + \frac{8\mu\nu}{Q}}};$$

$D(\tau)$ is the probability of non-detection of a positive pulse, I is not defined. It is shown that the theoretical evaluation of filtering errors shows good agreement with experimental results of N.K. Kul'man and P.S. Landa (Ref. 6: Radiotekhnika i elektronika, 1961, 6, 4, 506). From the obtained formulae for filtering errors the

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Certain optimum installations ...

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graphs are given which show the properties of signal detection for a non-linear and a linear filtering system. There are 2 figures and 9 references: 8 Soviet-bloc and 1 non-Soviet-bloc. The reference to the English-language publication reads as follows: N. Wiener, The Extrapolation, Interpolation and Smoothing of Stationary Time Series, J. Wiley, N.Y., 1949.

ASSOCIATION: Fizicheskiy fakul'tet moskovskogo gosudarstvennogo universiteta im. M.V. Lomonosova (Moscow State University im. M.V. Lomonosov, Faculty of Physics)

SUBMITTED: October 26, 1960

Card 5/5

W

KUL'MAN, N.K.

Optimum reception of a signal with constant frequency and amplitude
with noise background. Radiotekh. i elektron. 9 no.9:1556-1565 s
'64.

1. Fizicheskiy fakultet Moskovskogo gosudarstvennogo universiteta.
(MIRA 17:10)

ACCESSION NR: AP4009976

S/0109/64/009/001/0067/0077

AUTHOR: Kul'man, N. K.; Stratonovich, R. L.

TITLE: Phase automatic frequency control and optimum measurement of the parameters of a narrow-band variable-frequency signal in noise

SOURCE: Radiotekhnika i elektronika, v. 9, no. 1, 1964, 67-77

TOPIC TAGS: AFC, phase AFC, AFC scheme, variable frequency signal, variable frequency signal filtration

ABSTRACT: The synthesis of nonlinear feedback filters with smoothing units was considered by I. A. Bol'shakov, et al. ("Problems of nonlinear filtration - 1," Avtomatika i telemekhanika, 1960, 21, 3, 301); the smoothing units had complicated transfer functions ($C(t, \tau)$, $G(t, \tau)$, $A(t, \tau)$), determined by integral equations. In the present article, differential, not integral, equations are modeled which excludes the smoothing units. Block diagrams are suggested for the approximate

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ACCESSION NR: AP4009976

optimum filtration of a signal from the white noise; filtration errors are evaluated. Schemes for wandering-phase and wandering-frequency cases are given. Formulas are developed which show the effect of a-priori signal characteristics and noise intensity on the optimum parameters of the scheme. A variational problem is solved for the wandering-phase case; it is proven that the theory of nonlinear optimum filtration can yield results with a minimum mean-square error. It is also proven that, in general, the evaluated frequency differs from that of the phase AFC oscillator. Orig. art. has: 4 figures and 45 formulas.

ASSOCIATION: none

SUBMITTED: 12Dec62

SUB CODE: CO

DATE ACQ: 10Feb64

NO REF SOV: 008

ENCL: 00

OTHER: 000.

Card 2/2

"APPROVED FOR RELEASE: 06/19/2000

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OTHERS

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APPROVED FOR RELEASE: 06/19/2000

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USSR/General Problems.

A-

Abs Jour : Ref Zhur - Khimiya, No 10, 1957, 33417
Author : Kul'man P.A.
Inst :
Title : Application of the "Diagonal Scheme" at the Calculations
in Chemistry.
Orig Pub : Khimiya v Shkole, 1957, No 1, 45-48.
Abstract : A methodical article.

Card 1/1

PCHELIN, V.A.; KUL'MAN, R.A.

Static surface tension of gelatin solutions³ Vysokom.soed, 3
no.5:768-774 My '61. (MIRA 145)

1. Moskovskiy gosudarstvennyy universitet imeni M.V.Lomonosova.
(Gelatin) (Surface tension)

MIROSHNICHENKO, A.M.; SHTROMBERG, B.I.; DAVIDOVICH, A.Z.; KAPLUN, A.I.;
MATSIYEVICH, L.F.; POTASHNIKOVA, M.M.; KUL'MAN, R.K.;
GERLANETS, L.M.

Differentiation of leaned out weakly caking coals and lean
noncaking coals of the Donets Basin. Koks i khim. no.5:9-10
'60. (MIRA 13:?)

1. Ukrainskiy uglekhimicheskiy institut (for Miroshnichenko,
Shtromberg, Davidovich, Kaplun, Matsiyevich). 2. Stalinskiy
koksokhimicheskiy zavod (for Potashnikova, Kul'man, Gerlanets).
(Coal--Classification)

KOVALEVSKAYA, M.M.; KUL'MAN, R.K.; BABENKO, M.S.

Methods for determining yields of products from the carbonization
of coal. Koks i khim. no.1:43-46 '61. (MIRA 14;1)

1. Stalinskiy koksokhimicheskiy zavod.
(Coke industry—By-products)

BULGARIA

KULMAN, V., Dr [Affiliation not given.]

"Practical Value of Vaginal Histologic Diagnosis of Pregnancy in Sows."

Sofia, Veterinarna Sbirka, Vol 60, No 5, 1963; pp 9-11.

Abstract: Description of procedure for diagnosing pregnancy from vaginal smear in sows. Prior to the 30th day of pregnancy, the method seems to give a variable number of false negatives, but results seem 100% reliable after that as deduced from study in 338 swine. Table, 3 photomicrographs.

1/1

6

MIROSHNICHENKO, A.M.; SHTROMBERG, B.I.; KRIVOKON', Yu.G.; SHINKAREVA, T.V.;
DRUY, G.N.; DVUZHIL'NAYA, N.M.; GUTMAN, L.M.; KUL'MAN, R.K.;
KOVALEVSKAYA, M.M.

Coking of a charge containing 40% gas coals and blast-furnace
smelting with coke obtained by this method. Koks i khim. no. 2:20-24
'63. (MIRA 16:2)

1. Ukrainskiy uglekhimicheskiy institut (for Miroshnichenko, Shtromberg,
Krivokon', Shinkareva, Druy). 2. Donetskiy nauchno-issledovatel'skiy
ugol'nyy institut (for Dvuzhil'naya). 3. Donetskiy koksokhimicheskiy
zavod (for Gutman, Kul'man, Kovalevskaya).
(Coke) (Metallurgical furnaces)

KUL'MAN, Ye.Gr;; SHLYAKHTIN, A.V.

Periodic movements of a vibratory percussion system with a
two-cycle internal-combustion engine. Trudy Inst.mash.Sem.
po teor.mash. 22 no.87:62-68 '61. (MIRA 14:8)
(Machinery, Kinematics of)

CSABA, G.; KULMANN, L.

On the physiological control of connective tissue mast cells.
Acta biol Hung 14 no.3:175-181 '63.

1. Department of Histology and Embryology, Medical University,
Budapest (Head: I. Toro).

KULMANOV, K. A. Cand Tech Sci -- (diss) "Investigation of the
Construction of a Graph for Train Movements by Associated Runs,"
Tashkent-Leningrad, 1960, 15 pp, 170 copies (Leningrad Institute of
Railroad Transport Engineers im Acad. V. N. Obraztsov) (KL, 46/60, 125)

KULMANOV, K.A., inzh. (Tashkent); SHAUMBURG, V.V., inzh. (Sverdlovsk)

Possible methods for the preparation of train sheets. Zhel.
dor.transp. 42 no.1:63-67 Ja. '60. (MIRA 13:5)
(Railroads--Traffic)

KUMANOV, Stefan; ALEKSIEV, Aleksei

Comparative studies on the digestivity and nutrient value
of potatoes as fodder for sheep. Selskostop nauka 2 no.7:
829-837 '63.

KUL'MANOVA A. P.

Ispol'zovanie sinergizma pilokarpina i glukozy v lechenii gleukomy.
Pilocarpine and glucose synergism in treatment of glioma/ Vest.
oft. 29:5 Sept-Oct 50 p. 38-40.

1. Of the Clinic for Eye Diseases (Director — Prof. M. L. Kratnov),
Central Institute for the Advanced Training of Physicians.
GLZ Vol. 20 No. 2 Feb 1951

ACC NR: APG020032

(A)

SOURCE CODE: UR/0066/66/000/002/0025/0028

AUTHOR: Chizhov, G. B. (Doctor of technical sciences, Professor); Kulmanova, N. K.

ORG: Leningrad Technological Institute of the Refrigeration Industry (Leningradskiy
tekhnologicheskiy institut kholodil'noy promyshlennosti) 33
33TITLE: Relationship between the original condition of meat tissues and the changes caused by
freezing ✓

SOURCE: Kholodil'naya tekhnika, no. 2, 1966, 25-28

TOPIC TAGS: food, refrigeration, low temperature effect, COMMERCIAL ANIMAL,
FREEZING, FOOD CHEMISTRYABSTRACT: The author investigates the histological changes during freezing of the muscle
tissue of fresh beef in a state of stiffening (rigor mortis) and in a state of relaxation. The
gluteus muscles were removed from the beef carcasses. Some of the muscle was used for
investigating fresh meat and the rest was refrigerated at 0-4C. The condition of the meat
before freezing was estimated by the quantity of juice separated upon centrifugation. The
quantity of juice in the fresh muscle tissue was 7.5%, increased to 14-16% with the onset of
stiffening, and then dropped to 11-12% after 30 hr as a result of relaxation. Pieces of meat
were frozen in air and in nitrogen vapors at -80 to -90C, in alcohol at -70C, and in liquid

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UDC: 637.513.82

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ACC NR: AP6020032

nitrogen at -195C. There were no substantial differences between the changes of the specimens frozen in gases and between the changes of specimens frozen in liquids. Primarily, medium and large crystals formed in the tissue of fresh meat as a result of freezing in gases. There were comparatively few small crystals. Small crystals predominated in tissues of fresh meat frozen in liquids; there were appreciably fewer large and medium crystals. Small and large crystals predominate in the meat tissue in a state of stiffening when frozen in a liquid. A comparison of the effect of freezing on the tissues of fresh meat and meat in a state of stiffening showed that the latter is subject to greatest damage, the tissues being somewhat less damaged when frozen in liquids than in gases. Large and small crystals mainly formed in meat tissues frozen in gases in a state of relaxation. The relationship of the number of large, medium, and small crystals in meat tissues in a state of relaxation when frozen in liquids is the same as when frozen in gases. The histological changes of frozen relaxed tissue depends little on the method of freezing, whereas the tissue of fresh meat is damaged more at low freezing rates. Tissue is damaged least when frozen in gases in a state of relaxation. The tissue of fresh meat is damaged least when frozen in liquids. The authors conclude that meat tissue frozen in a state of stiffening is subject to the greatest damage and that cracks and ruptures form in meat tissue when frozen in liquid nitrogen regardless of its original state. Orig. art. has: 2 tables and 3 figures.

SUB CODE: 06/ SUBM DATE: 00/ ORIG REF: 006/ OTH REF: 003

Card 2/2 D

KUL'MANOVA, V.

Financial Statements

Form of balance of an industrial enterprise. *Bukhg. uchet*, No. 1, 1952.

Monthly List of Russian Accessions, Library of Congress, March 1952. Unclassified.

KUL'MANOVA, V., LOVTSOV, V.

Credit

Accelerating the turnover of capital and the tasks of the State Bank branches, Den. i kred 11,
No. 2, 1952.

Monthly List of Russian Accessions, Library of Congress, May 1952, Unclassified.

KUL'MANOVA, V.

How to organize analytical work in divisions of the State Bank.
Den. i kred. 12 no. 2:46-52 Ag'54. (MLRA 8:2)
(Banks and banking)(Industrial management)

KUL'MANOVA, V.: SEDLOVICH, S.

Tasks of State Bank branches in analyzing annual reports for 1956.
Den. i kred. 15 no.1:6-14 Ja '57. (MLRA 10:3)
(Financial statements)

YEGOROV, S.; KUL'MANOVA, V.

Reports of self-supporting organizations and their systematization in
State Bank institutions. Den. i kred. 16 no.6:67-79 Je '58.

(MIRA 11:7)

(Banks and banking)

KUL'MANOVA, V.

Method for determining material supplies that are above plan in an
enterprise. Den. i kred. 16 no.10:17-27 O '58. (MIRA 11:11)
(Russia--Industries) (Banks and banking)

ROMANOV, V.I., mno; KIL'YONITSKIY, B.Ye., kzh.

Is intended to be a point evaluation of switches 100% 100%.
Date: 8 Dec. (0:41 '66.) (USSR 17:12)

1. Startsiya Nya, Oktyabr'skoy dorogi.

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000927510012-4

KUL'PATOV, M. K.

Therapeutic use of Strophanthus preparations in heart diseases. Stalinated,
Gosizdat pri SSSR Tadzhikskoi SSR, 1945. 75p.

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000927510012-4"

KUL'MATOV, N. K.

35913. K Patogenezu Kalyariynoy Anemii. Sootsch. Takzh. Filiala Akad. Nauk SSSR,
Vyp. 18, 1949, c. 12-14.

SO: Letopis' Zhurnal'nykh Statey, Vol. 50, Moskva, 1949

KUL'MATOV, N. K.

36914. Svjaz' Malyarii s Zabolevanniyami Scezrenki. Soosshch. Tadzh. i Tjata
Akad. Nauk SSSR, Vyp. 16, 1949, c. 15-16. - Bibliogr: 6 Nazv.

SO: Letopis' Zhurnal'nykh Statey, Vol. 50, Moskva, 1949

1. K'L'MATOV, M. K.
2. USSR (600)
4. Malaria Fever - Takikistan
7. Problems of malaria in Tajikistan. Soob. TFAN SSSR no. 31, 1951.
9. Monthly List of Russian Accessions, Library of Congress, March 19^c3. Unclassified.

KUL'MATOV, M.K., prof.; VAKHABOVA, U.K., kand.med.nauk; PASHENIN, P.M.,
assistant

Diagnostic significance of determining C-reactive protein in patients
with myocardial infarct. Med. zhur. Uzb. no.3:70-72 Mr '61.

(MIRA 14:5)

1. Iz kafedry propedevtiki vnutrennikh bolezny Samarkandskogo
gosudarstvennogo meditsinskogo instituta imeni I.P.Pavlova i kafedry
mikrobiologii Voyenno-meditsinskoy ordena Lenina akademii imeni
S.M.Kirova.

(HEART-INFARCTION) (PROTEINS)

KUL'MATOV, M.K., prof.; VAKHABOVA, U.K., kand.med.nauk

Significance of C-reactive protein in the differential diagnosis
of stenocardia and myocardial infarct. Med. zhur. Uzv. no.5:57-
58 My '61.
(MIRA 14:6)

1. Iz kafedry propedevtiki vnutrennikh bolezney Samarkandskogo
gosudarstvennogo meditsinskogo instituta.
(PROTEINS) (HEART—DISEASES)

KUL'MATOV, M.K., prof.; VAKHABOVA, U.K., dotsent; ARIPOV, S.A., dotsent

Importance of C-reactive protein in estimating the activity of a tuberculous process. Med. zhur. Uzb. no.6:37-39 Je '61.

(MIRA 15:1)

1. Iz kafedry propedevtiki vnutrennikh bolezney Samarkandskogo gosudarstvennogo meditsinskogo instituta imeni I.P.Pavlova i Samarkandskoy oblastnoy tuberkuleznoy bol'nitsy.
(PROTEINS) (TUBERCULOSIS)

KUL'MATOV, M.K., prof.; VAKHABOVA, U.K., dotsent; PASHININ, P.M., ussistent

Role of C-reactive proteins in the evaluation of tuberculous
processses. Sov.med. 25 no.1:104-107 Ja '61. (MIRA 14:3)

1. Iz kafedry propedevtiki vnutrennikh bolezney Samarkandskogo
meditsinskogo instituta imeni akad. I.P.Pavlov i kafodry mikro-
biologii Vojenno-meditsinskoy ordena Lenina akademii imeni S.M.
Kirova.

(TUBERCULOSIS)

(BLOOD PROTEINS)

KUL'MATOV, M.K., prof.; VAKHABOVA, U.K., ~~docteur~~; ARIPOV, S.A., assistant

Importance of C-reactive protein in the diagnosis of malignant tumors. Nauch. trudy SamMI 23:5-6 '63 (MIRA 17:3)

1. Kafedra propedevtiki vnutrennikh bolezney Samarkandskogo meditsinskogo instituta i Samarkandskiy onkologicheskiy dispanser.

KUL'MATOV, M.K., prof.; ROSTOVTSEV, A.A., kand. med. nauk

Case of a spontaneous pneumothorax following the perforation of
the larynx wall by a foreign body. Nauch. trudy SamMI 23:173 '63.
(MIRA 17:3)

Localization of the pathological process in "Itsenko-Cushing's
syndrome." Ibid. 2174-175

1. Iz kafedry propedevtiki vnutrennikh bolezney Samarkandskogo
meditsinskogo instituta.

KUL'MATOV, M.K., prof. ; ROSTOVTSEV, A.A., kand. med. nauk; LAZAREVA, M.Z.,
assistant.

Disseminated lupus erythematosis. Nauch. trudy S-nMI 23:7-13'63
(MIRA 17:3)

1. Iz kliniki propedevtiki vnutrennikh bolezney Samarkandskogo
meditsinskogo instituta.

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000927510012-4

KULMATYCKA, Irena

New races of potato cancer. Postepy nauk roln 9 no.3:87-91 My-Je '62.

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000927510012-4"

KUL'YETEV, V. M.
25630

Stoystva I tverdeniye dolomitnoy izvest I Nopolnogo obzhiga. Trudy
Gor'k. Industr. in-ta am. Zhdanova, T. VI, vyp. 2, 1948, s. 57-75.
--Bibliogr: 26 Nazv.

SO: LETOPIS NO. 30, 1948

KUL'METEV, V.M., kand.tekhn.nauk; SOKOLENKO, A.A., inzh.

White cement made of local raw material. Stroi.mat. 8 no.10:29-30
O '62. (MIRA 15:11)
(Cement)

KHODZHAYEV, G.; ZEMLINSKIY, E.Ye.; CHERNOV, M.F.; KVASNIKOVA, X.A.;
KUL'METOV, A.; TSAPENKO, M.N.; USMANOVA, D.A.

Petroleums of the Yuzhnnyy Alamyshik field. Uzb. khim. zhur. no.1:
55-64 '61.
(MIRA 14:1)

1. Institut khimii AN UzSSR.
(Yuzhnnyy Alamyshik--Petroleum)

KHODZHAYEV, G.Kh.; SOKOL'NIKOVA, M.D.; RIZAYEVA, M.; Prinimali uchastiye:
BELOPOL'SKAYA, S.; CHAEROVA, O.; KUL'METOV, A.; SAYDALIKHODZHAYEV, M.

Shur-Tepe oil field. Uzb. khim. zhur. 9 no. 4:45-50 '65.
(MIRA 18:12)

1. Institut khimii AN UzSSR. Submitted June 2, 1964.

GAZARYAN, K.G., SHUPPE, N.G.; KUL'MINSKAYA, A.S.

RNA synthesis in the presence of small doses of actinomycin.
Dokl. AN SSSR 160 no.6:1411-1413 F '65.

(MIRA 18:2)

1. Submitted May 9, 1964.

KUL'MINSKIY, M.F.; PROSKURNYA, T.I.

Therapeutic physical exercise as an important therapeutic factor.
Pediatrilia no.6:71-76 N-D '53. (MLRA 7:1)
(Exercise) (Children--Diseases)

KALANTAR, N.G.; Prinimali uchastiye: MANNAFOMA, V.S.; GLAZUNOV, V.I.;
GABSATAROVA, S.A.; KUL'MURZINA, L.Kh.; AKHMETZYANOV, Ch.R.

Turbine oil 22 from Tuymazy crudes. Khim.i tekhn.topl.i masel 7
no.9:29-34 S '62. (MIRA 15:8)

1. Bashkirs'kiy filial AN SSSR.
(Insulating oils)

KALANTAR, N.G.; GLAZUNOV, V.I.; MANNAFOMA, V.S.; Prinimali uchastiye:
GABSATTAROVA, S.A.; OKUNEV, I.Ye.; KUL'MURZINA, L.Kh.;
AKHMETZYANOV, Ch.R.

Composition and properties of turbine distillates from
Tuymazy crudes. Khim. i tekhn. topl. i masel 8 no.9:31-38
S '63. (MIRA 16:11)

1. Bashkirskiy filial AN SSSR.

KULNEV, B. A., KHOVANSKAYA, M. G., KUSHKO, V. M., (USSR)

"Tissue Respiration and Content of Phosphorus
compounds in Experimental Atherosclerosis."

Report presented at the 5th Int'l. Biochemistry Congress,
Moscow, 10-16 Aug 1961.

KUL'NEV, S.V.

Intestinal intussusception into the stomach through the gastro-intestinal anastomosis. Sov.med. 19 no.4:36-39 Ap '55. (MLRA 8:6)

1. Glavnnyy khirurg Penzenskogo obldzdravotdela.
(INTUSSUSCEPTION,

retrograde gastrointestinal in gastrointestinal anastasis)

(STOMACH, surg.,

anastomosis, gastrointestinal, causing retrograde gastrointestinal intussusception)

(INTESTINES, surg.,

anastomosis, gastrointestinal, causing retrograde gastrointestinal intussusception)

KUL'NEV, S.V., zasluzhennyj vrach RSFSR

Case of multiple severe injury in pregnancy. Ortop., travm. protez.
19 no.1:72-73 Ja-F '58. (MIRA 11:4)

1. Iz Penzenskoy oblastnoy bol'nitsy (glavnnyj vrach - zasluzhennyj
vrach RSFSR A.I.Levkov)
(WOUNDS AND INJURIES, in pregn.
multiple, severe (Rus))
(PREGNANCY, compl.
multiple severe trauma (Rus))

KUL'NEV, S.V.

Surgical therapy of perforated ulcer of the stomach and duodenum in therapeutic institutions of Penza Province during the last 10 years.
Sov. med. 24 no.4:61-65 Ap '60. (MIRA 13:8)

1. Glavnnyy khirurg Penzenskogo obldzdravotdela.
(PENZA PROVINCE--PEPTIC ULCER)

KUL'NEV, S.V.

Distribution of surgical beds in a city. Zdrav. Ros. Feder. 5
no. 2:23-25 F '61. (MIRA 14:2)

1. Glavnnyy khirurg Penzenskogo obldzdravotdela, zasluzhennyj
vrach RSFSR.
(PENZA—HOSPITAL BEDS)

KUL'NEV, S.V., zasluzhennyi vrach RSFSR; GORSHKOV, A.V.

Organizing anesthesiological service. Sov. med. 25 no.10:122-123
O '61. (MIRA 15:1)

1. Iz Penzenskoy oblastnoy bol'nitay imeni N.N.Burdenko (glavnyy
vrach - zasluzhennyi vrach RSFSR A.I.Lavkov).
(ANESTHESIOLOGY)

YELISTRATOV, S. (Kalinin); PARCHEVSKIY, V. (Rostov-na-Donu); KUL'NEV, V., inzh.

Summer is not far. Mest.prom.i khud.promys. 3 no.5:32-34
My '62. (MIRA 15:6)
(Beverages)

KUL'NEV, V., inzh.

In the enterprises of the food industry. Mest.prom.i khud.promys.
4 no.2:26 F '63. (MIRA 16:2)

KULNEVA, A.G.

USSR/Tumors

U-4

Abs Jour : Ref Zhur - Biol., No 6, 1958, No 27844

Author : Kul'nova, A.G.

Inst : Not Given

Title : Tumors of the Ovary

Orig Pub : Sb. nauchn. rabot vrachey Penzensk. obl. bol'nitsay, 1957,
No 2, 111-115

Abstract : No abstract

Card : 1/1

38

S/032/63/029/002/027/028
B101/R186

AUTHORS: Bakshi, O. A., Kul'nevich, B. G., and Ovchinnikov, V. V.

TITLE: Bending tests on samples with large cross sections

PERIODICAL: Zavodskaya laboratoriya, v. 29, no. 2, 1963, 240

TEXT: A 500 t hydraulic press (Fig.) was adapted for bending tests of welds having a cross section of 120·120 mm and a length of 800 mm. The supports (2) are fastened to frame (1). The left support carries the crosshead (3) the hydraulic cylinder (4) of internal diameter 450 mm and the ram (5) with length of path 400 mm, rate of feed 20 mm/min. Crosshead (6) is fastened to the right support. (3) and (6) are connected by bars and fastened by pins (8). Knife-edge (10) which loads the sample is mounted on ram (5) for the bending test of sample (9) and the supporting plate (11) and baffle (12) were mounted on (6). The measuring device consists of the channel beam (13) and the rod (14) whose movement is transmitted by the thread (15) over the system of pulleys (16) to the graduated drum (17), the thread being stretched by the weight (18). There is 1 figure.

ASSOCIATION: Chelyabinskij politekhnicheskiy institut (Chelyabinsk Poly-
Card 1/3 technic Institute)

Bending tests on samples with...

S/032/63/029/002/027/028
B101/B186

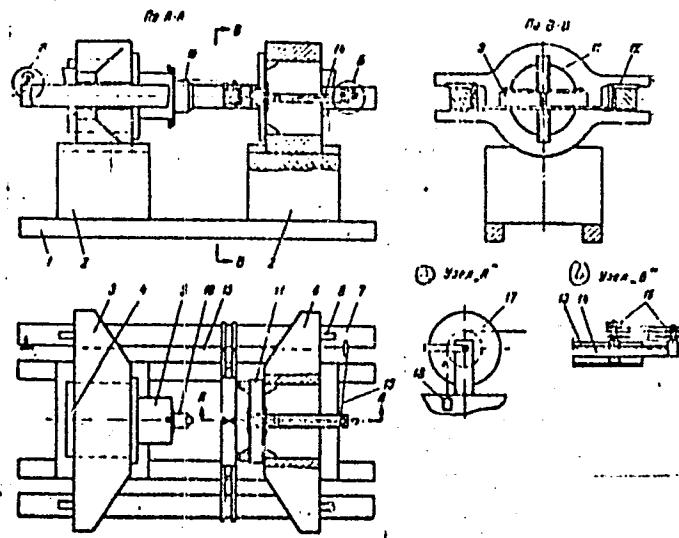
Fig. Schematic drawing of the press with equipment for the bending test.

Legend: (a) unit "A"; (b) unit "B".

Card 2/3

Bending tests on samples with...

S/032/63/029/002/027/028
B101/B106



Card 3/3

KAVETSKIY, N.Ye., prof.; GRINBERG, Ya.M., dotsent; ZAKHARCHENKO, V.V.; ,
KUL'NEVICH, N.G.

Some results of sanatorium and health resort therapy in patients
with cardiovascular diseases under the climatic conditions of
the middle Volga Valley. Kas.med. zhur. no.116-18 Jan.~~1959~~.

(MIA 16:8)

1. Fakul'tetskaya terapeuticheskaya klinika (zav. - prof. N.Ye.
Kavetskiy) Kuybyshevskogo meditsinskogo instituta.
(CARDIOVASCULAR SYSTEM—DISEASES)
(KUYBYSHEV PROVINCE—HEALTH RESORTS, WATERING PLACES, ETC.)

KUL'NEVICH, V. G.

Dissertation: "Clarification of the Nature of the Process of Making Madeira Wine."
Grodno Tech Sci, Krasnodar Institute of the Food Industry, Krasnodar, 1953. (Referativnyy
Zhurnal-Khimika, no 11, Moscow, Jun 54)

SO: SU 318, 23 Dec 1954

KUL'nevich V.G.

Determination of different forms of oxygen in wines.
V. G. Kul'nevich (Inst. Food Ind., Krasnodar). *Vino-*
delenie Vinogradarstva S.S.R. 14, No. 6, 12-18 (1954). —
To 20 ml. of indigocarmine soln. (0.5 g./l.) add 15 ml. 0.2M
Na₂CO₃ 10H₂O and titrate with 2.5 g./l. of Na₂S₂O₃ soln. in
a CO₂ atm. free from O. Then add 50 ml. of wine and ti-
trate with Na₂S₂O₃. Det. readily reduced peroxides after
preliminary removal of O from the wine. Det. the dif-
ficultly reduced peroxides with a 0.1% soln. of neutral red.
The app. and calcn. are described. M. Charmandarian

KVL NEVICH U.C.

The determination of aldehydes and acetals in wine
S. L. Nevich *Industr. & Engng. Chem.*, 45, p. 15
A modification of the method of
K. S. Markham, *J. Am. Chem. Soc.*, 65,

which will allow a rapid analysis of wine. A sample of wine is run into a 25-cc., rubber-stoppered flask, brought to a boil, kept at this temp. for 20 min., while CO_2 is being passed through the system and then cooled. The residue is separated from the oil, distilled, and collected in a receiver.

This is a rapid, simple, and standardized procedure.
After 20 min., a complete distil. of aldehydes and acetals is effected.
A. S. Markham

2

KUL'NEVICH, V.G.

Role of oxygen in the maderization of wine. Biokhim. vin. no. 5:
164-179 '57. (MLRA 10:6)

1. Krasnodarskiy institut pishchevoy promyshlennosti.
(Mareira wine) (Oxygen)

KUL'NEVICH, V.G.

Conversion of tannins during the maderization of wine, Biokhim,
vin. no. 5:180-198 '57. (MLRA 10:6)

1. Krasnodarskiy institut pishchevoy promyshlennosti.
(Madeira wine) (Tannins)

KUL'NEVICH, V.G.; KARDAILOVA, K.M.; OMEL'CHENKO, F.S.

Polarographic method for determining the furfural in products of
the hydrolysis industry. Izv.vys.ucheb.zav.; pishch. tekhn. no.6:
145-149 '61. (MIRA 15:2)

1. Krasnodarskiy institut pishchevoy promyshlennosti, kafedra
organicheskoy khimii.
(Furaldehyde)(Hydrolysis)(Polarography)

KUL'NEVICH, V.G.; MOKHNACHEV, I.G.; FILATOVA, A.M.

Determination of the carbonyl compounds of noncarbohydrate character in furfurole condensates. Gidroliz.i lezokhim.prom.
15 no.8:16-18 '62. (MIRA 15:12)

1. Krasnodarskiy institut pishchevoy promyshlennosti (for
Kul'nevich, Mokhnachev). 2. Krasnodarskiy gidroliznyy zavod
(for Filatova).
(Furaldehyde) (Carbonyl compounds)

GOLDOVSKAYA, T. Ye.; KUL'NEVICH, V. G.; SHAPOVALOV, Ye. N.

Changes occurring in the optical density of furfural in storage. Izv. vys. ucheb. zav.; pishch. tekhn. no. 5:96-101 '62. (MIRA 15:10)

1. Krasnodarskiy institut pishchevoy promyshlennosti, kafedra organicheskoy khimii.

(Furaldehyde--Spectra)

KUL'NEVICH, V.G.; FAL'KOVICH, Yu.Ye.; PARFENT'YEVA, T.L.

Selective determining of xylite and xylose content in their
mixture. Izv.vys.ucheb.zav.; pishch.tekh. no.1:153-157 '63.

1. Krasnodarskiy institut pishchevoy promyshlennosti, kafedra
organicheskoy khimii. (MIRA 16:3)

(Hydrogenation) (Xylose)

KUL'NEVICH, V.G.; FAL'KOVICH, Yu.Ye.; PARFENT'YEVA, T.L.

Separate determining of sugars and polyatomic alcohols in
multicomponent systems. Izv. vys. ucheb. zav.; pishch. tekhn.
no.6:147-149 '63. (MIRA 17:3)

1. Krasnodarskiy politekhnicheskiy institut, kafedra organi-
cheskoy khimii.

GOLDOVSKAYA, T. Ye.; KUL'NEVICH, V. G.; LATAYEV, D. N.

Triethanolamine as the new stabilizer of furfural. Izv. vys. ucheb. zav.; pishch. tekhn., no. 2:40-43 '64. (MIRA 17:5)

1. Krasnodarskiy politekhnicheskiy institut, kafedra organicheskoy khimii.

KUL'NEVICH, V.G.; ABRAMYANTS, S.V.; KUDAIKOVA, E.M.; MEGUROV, N.S.; GLAZMAN,
R.A.

Furfurole losses in the cooling of its vapors during the furfurole
hexose cooking of raw materials. Gidrolyz. i tsch. p. prom. 17 no.
5:21-23 '64. (M-84 17/10)

1. Problemya laboratoriya Krastavichogo poligonal'nitskogo instituta
(for Kul'nevich, Abramyanis, Kudaikova). 2. Krasnodarskiy hidrolyznyi
zavod (for Megurov, Glazman).

KUL'NEVICH, V.G.; KARDAILOVA, K.M.; ABRAMYANTS, S.V.

Oxidative transformations of furfural in furfurole-containing vapors. Gidroliz. i lesokhim.prom. 18 no.4:7-9 1965.

I. Krasnodarskiy politekhnicheskiy institut.

(MTRA 18:6)

KULNIKOV, F.V.

AUTHOR: None given

129-2-11/11

TITLE: Dissertations (Dissertatsii)

PERIODICAL: Metallovedeniye i Obrabotka Metallov, 1958, No.2,
p. 63 (USSR).

ABSTRACT: T.A. Vladimirskiy - On Certain Types of Fracture Without
Deformation of the Metal of Steam Boilers and Railway Trans-
portation and on the Sensitivity of Steel to Develop Brittle-
ness (O nekotorykh vidakh bezdeformatsionnogo razrusheniya
metalla parovykh kotlov na zh-d. transporte i o chuvstvitel'-
nosti stali k khrupkosti) - Doctor of Technical Sciences.
Moscow, 1957. Institute of Metallurgy imeni A.A. Baykov.
A.N. Istomin - Properties of the Steel UX-15 at Low Tempera-
tures as a Function of the Heat Treatment Regimes (Svoystvo
stali ShKh-15 pri nizkikh temperaturakh v zavisimosti ot rezhimov
termicheskoy obrabotki) - Candidate of Technical Sciences.
Kiev, 1957, Ac.Sc. Ukrainian SSR. Institute of Structural
Mechanics.

N.V. Korovin - Cathode Process During Electroplating of the
Iron-Nickel Alloy and the Properties of Such Coating (Katodnyy
protsess pri elektroosazhdennii splava zhelezo-nikel' i svoystva
pokrytiy) - Candidate of Technical Sciences. Moscow, 1957.

Card 1/3 Moscow Institute of Non-ferrous Metals and Gold imeni M.I.Kalinin.

Dissertations.

129-2-11/11

F. V. Kulnikov - Investigation of the Properties of Rolled Babbitt and Possibilities of Applying this Material for Bearings of Steam Turbines, of Turbo-generators and Hydro-generators and of Electrical Machinery. (Issledovaniye svoystv prokatannogo babbitta i vozmozhnostey ego primeneniya dlya podshipnikov parovykh turbin, turbo- i gidrogeneratorov i elektricheskikh mashin) - Candidate of Technical Sciences. Moscow, 1957. Moscow Power Institute.

I. Ye. Lev - Distribution of Alloying Elements Between Phases in White Irons (Raspredeleniye legiruyushchikh elementov mezhdu fazami v belykh chugunakh) - Candidate of Technical Sciences. 1957. Dnepropetrovsk Metallurgical Institute.

B. L. Pavlyukevich - Recrystallisation Annealing of Armco Iron and 1X18H9T Steel During Induction Heating (Rekristallizatsionnyy otzhig armko-zheleza i stali 1Kh18N9T pri niduktsionnom nagreve) - Candidate of Technical Sciences. Minsk, 1957.

Ac.Sc. Belorussian SSR. Physico-technical Institute.

A. S. Dem'yanyuk - Certain Features of the Spectral Determination of Carbon, Sulphur and Phosphorus in Metallic Alloys and Weld Seams (Nekotorye osobennosti spektral'nogo opredeleniya ugleroda, sery i fosfora v metallicheskikh splavakh i svarnykh shvakh) - Candidate of Physico-mathematical Sciences.

Card2/3

Dissertations.

129-2-11/11

Leningrad, 1957. State Optical Institute imeni S.I. Vavilov.
Ye.D. Shchukin - Study of the non-uniformities of the Plastic
Deformation of Metallic Single Crystals (Izuchenije neodnorodno-
stey plasticheskoy deformatsii metallicheskikh monokristallov)
- Candidate of Physico-mathematical Sciences. Moscow, 1957.
Ac.Sc. USSR. Institute of Physical Chemistry.

I.B. Veyts - Determination of the Dissociation Energy of Oxides
of Alkali Metals on the Basis of Measuring the Intensity of
Resonance Lines of Atoms of the Metal in the Spektra of the
flame (Opredelenije energii dissotsiatsii okislov shchelochno-
zemel'nykh metallov na osnove izmereniya intensivnosti rezonans-
nykh liniy atomov metallov v spektrakh plamen) - Candidate of
Chemical Sciences. Moscow, 1957. Moscow State University
imeni M.V. Lomonosov.

G.N. Pirogova - Investigation of Paratungstates (Issledovaniye
parovolframatov) - Candidate of Chemical Sciences. Moscow, 1957.
Moscow State University imeni M.V. Lomonosov.

AVAILABLE: Library of Congress.

Card 3/3

Kulnikov, I.

Neues in der Lunin-Methode zur Pflege der Lokomotive. Hrsg. von der "Lehrmittelstelle der Deutschen Reichsbahn". Leipzig, Fachbuchverlag, 1953
26 p. diatrs.

Translated from the Russian: "Novoye v luninskoy metode ukhoda za parovozom",
Moscow, 1951

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KUL'NITSKAYA, M.Ye. slavnyy bibliograf

Bibliographic work in the Main Library of the Academy of Medical Sciences of the U.S.S.R. Vest. AMN SSSR 12 no.3:94-96 '57.
(BIBLIOGRAPHY--MEDICINE) (MLRA 10:8)

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L 28526-66

ACC NR: AP6012328 (N) SOURCE CODE: UR/0317/65/000/006/0018/0022

AUTHOR: Kul'bitskiy, E. (Engineer, Commander)

13

ORG: None

B

TITLE: Maintenance and repair on the sea

SOURCE: Tekhnika i vooruzheniya, no. 6, 1965, 18-22

TOPIC TAGS: submarine, naval equipment, marine engineering

ABSTRACT: Maintenance and repair of submarine engineering equipment while navigating in the open sea are discussed in general terms. The everyday routine inspection begins with checking the equipment which is not in use. Then the machinery in operation is examined, step-by-step, without interruption to the service. The surfaced position is used for inspection of outside mechanisms and systems. Inspection is conducted in accordance with the work schedule indicating the time (day and hour) of inspection for each item to be checked or tested. In general, the submarine must always be kept in the state of sea-bound preparedness. A special chapter was added to each maintenance

Card 1/2